



Modified 02-03

PTO/SB/21 (01-03)
Approved for use through 9/30/00. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

pat

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application / Conf. No.	10/815,492 / 8518
	Filing Date	April 01, 2004
	First Named Inventor	Tarek Eldin
	Examiner Name	Saqib Javaid Siddiqui
	Art Unit	2138
	Patent No.	
	Attorney Docket Number	X-1481 US
Mail Stop: AMENDMENT		
Express Mail Receipt No.		
Total Number of Pages in This Submission		

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet)	<input type="checkbox"/> After Allowance Communication to
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Declaration / Oath	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Affidavit(s)/declaration(s)	<input type="checkbox"/> Petition -	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Change Status to LARGE ENTITY	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A)	Remarks	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Customer Number	24309 (Customer Number)	Reg. Number 36,480
Attn: Keith A. Chanroo		
Signature		
Date	July 5, 2006	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this date:			
Typed or Printed Name	Pat Tompkins		
Signature		Date	July 5, 2006

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.



pat

Approved for use through 10-31-2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005 <i>Patent fees are subject to annual revision</i>		Complete if Known		
		Application / Conf. No.	10/815,492 / 8518	
		Filing Date	April 1, 2004	
		First Named Inventor	Tarek Eldin	
		Examiner Name	Saqib Javaid Siddiqui	
		Art Unit	2138	
TOTAL AMOUNT OF PAYMENT (\$)		200.00	Attorney Docket No.	X-1481 US

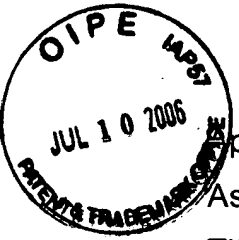
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to: <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 24-0040 Deposit Account Name: XILINX, INC.		3. ADDITIONAL FEES																																																																																																									
FEE CALCULATION		<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>For filing a request for exparte reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>120</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>450</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>1020</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,530</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,080</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>500</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>500</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>1000</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,500</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,400</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>790</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>790</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>790</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td></tr></tbody></table>		Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	130	Surcharge - late filing fee or oath		1052	50	Surcharge - late provisional filing fee or cover sheet.		1812	2,520	For filing a request for exparte reexamination		1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	Requesting publication of SIR after Examiner action		1251	120	Extension for reply within first month		1252	450	Extension for reply within second month		1253	1020	Extension for reply within third month		1254	1,530	Extension for reply within fourth month		1255	2,080	Extension for reply within fifth month		1401	500	Notice of Appeal		1402	500	Filing a brief in support of an appeal		1403	1000	Request for oral hearing		1451	1,510	Petition to institute a public use proceeding		1452	110	Petition to revive - unavoidable		1453	1,500	Petition to revive - unintentional		1501	1,400	Utility issue fee (or reissue)		1460	130	Petitions to the Commissioner		1807	50	Petitions related to provisional applications		1806	180	Submission of Information Disclosure Stmt		8021	40	Recording each patent assignment per property (times number of properties)		1809	790	Filing a submission after final rejection (37 CFR 1.129(a))		1810	790	For each additional invention to be examined (37 CFR 1.129(b))		1801	790	Request for Continued Examination (RCE)		Other fee (specify) _____			
Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																								
1051	130	Surcharge - late filing fee or oath																																																																																																									
1052	50	Surcharge - late provisional filing fee or cover sheet.																																																																																																									
1812	2,520	For filing a request for exparte reexamination																																																																																																									
1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																									
1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																									
1251	120	Extension for reply within first month																																																																																																									
1252	450	Extension for reply within second month																																																																																																									
1253	1020	Extension for reply within third month																																																																																																									
1254	1,530	Extension for reply within fourth month																																																																																																									
1255	2,080	Extension for reply within fifth month																																																																																																									
1401	500	Notice of Appeal																																																																																																									
1402	500	Filing a brief in support of an appeal																																																																																																									
1403	1000	Request for oral hearing																																																																																																									
1451	1,510	Petition to institute a public use proceeding																																																																																																									
1452	110	Petition to revive - unavoidable																																																																																																									
1453	1,500	Petition to revive - unintentional																																																																																																									
1501	1,400	Utility issue fee (or reissue)																																																																																																									
1460	130	Petitions to the Commissioner																																																																																																									
1807	50	Petitions related to provisional applications																																																																																																									
1806	180	Submission of Information Disclosure Stmt																																																																																																									
8021	40	Recording each patent assignment per property (times number of properties)																																																																																																									
1809	790	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																									
1810	790	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																									
1801	790	Request for Continued Examination (RCE)																																																																																																									
Other fee (specify) _____																																																																																																											
1. BASIC FILING FEE																																																																																																											
<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>330</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>510</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>790</td><td>Reissue filing fee</td><td></td></tr><tr><td>105</td><td>160</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="3">SUBTOTAL (1)</td><td>(\$)</td></tr></tbody></table>		Large Entity Fee Code	Fee (\$)	Fee Description	Fee	1001	770	Utility filing fee		1002	330	Design filing fee		1003	510	Plant filing fee		1004	790	Reissue filing fee		105	160	Provisional filing fee		SUBTOTAL (1)			(\$)																																																																														
Large Entity Fee Code	Fee (\$)	Fee Description	Fee																																																																																																								
1001	770	Utility filing fee																																																																																																									
1002	330	Design filing fee																																																																																																									
1003	510	Plant filing fee																																																																																																									
1004	790	Reissue filing fee																																																																																																									
105	160	Provisional filing fee																																																																																																									
SUBTOTAL (1)			(\$)																																																																																																								
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																											
<table border="1"><thead><tr><th>Total Claims</th><th>Extra</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>24</td><td>-20** = 0</td><td>X</td><td>\$0</td></tr><tr><td>Indep. Claims 06</td><td>- 3** = 1</td><td>X</td><td>\$200</td></tr><tr><td>Multiple Dependent Claims</td><td></td><td>X</td><td></td></tr></tbody></table>		Total Claims	Extra	Fee from below	Fee Paid	24	-20** = 0	X	\$0	Indep. Claims 06	- 3** = 1	X	\$200	Multiple Dependent Claims		X																																																																																											
Total Claims	Extra	Fee from below	Fee Paid																																																																																																								
24	-20** = 0	X	\$0																																																																																																								
Indep. Claims 06	- 3** = 1	X	\$200																																																																																																								
Multiple Dependent Claims		X																																																																																																									
**or number previously paid, if greater; For Reissues, see below																																																																																																											
<table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>Claims in excess of 20</td></tr><tr><td>1201</td><td>86</td><td>Independent claims in excess of 3</td></tr><tr><td>1203</td><td>290</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>1204</td><td>86</td><td>**Reissue independent claims over original patent</td></tr><tr><td>1205</td><td>18</td><td>**Reissue claims in excess of 20 and over original patent</td></tr></tbody></table>		Large Entity Fee Code	Fee (\$)	Fee Description	1202	18	Claims in excess of 20	1201	86	Independent claims in excess of 3	1203	290	Multiple dependent claim, if not paid	1204	86	**Reissue independent claims over original patent	1205	18	**Reissue claims in excess of 20 and over original patent																																																																																								
Large Entity Fee Code	Fee (\$)	Fee Description																																																																																																									
1202	18	Claims in excess of 20																																																																																																									
1201	86	Independent claims in excess of 3																																																																																																									
1203	290	Multiple dependent claim, if not paid																																																																																																									
1204	86	**Reissue independent claims over original patent																																																																																																									
1205	18	**Reissue claims in excess of 20 and over original patent																																																																																																									
SUBTOTAL (2) (\$)		200.00																																																																																																									
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)																																																																																																									

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Keith A. Chanroo	Registration No. (Attorney/Agent)	36,480
Signature		Telephone	408-879-7710
		Date	07-05-2006

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450.

X-1481 US
10/815,492

PATENT
Conf. No.: 8518



IN THE UNITED STATES PATENT OFFICE

Applicants: Tarek Eldin et al.

Assignee: Xilinx, Inc.

Title: Method of Automatic Fault Isolation in a Programmable Logic Device

Serial No.: 10/815,492

Filing Date: April 1, 2004

Examiner: Saqib J. Siddiqui

Art Unit: 2138

Docket No.: X-1481US

Conf. No.: 8518

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT IN RESPONSE TO THE FIRST OFFICE ACTION

Dear Sir:

In response to the First Office action mailed from the Patent Office on April 18, 2006, please amend the above-referenced patent application as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 9 of this paper.

07/11/2006 AKELECH1 00000042 240040 10815492

01 FC:1201 200.00 DA